

HISTORIC AMERICAN ENGINEERING RECORD

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HAER
NY
33-TREN,
1A-

TRENTON FALLS HYDROELECTRIC STATION,
POWERHOUSES AND SUBSTATION

HAER No. NY-155-A

On west bank of West Canada Creek, along
Trenton Falls Road 1.25 miles north
of New York Route 28

Trenton
Oneida County
New York

Photographers: Thomas R. Ragg (TF)
Gerald Weinstein (GW)

May 1993

- NY-155-A-1 VIEW NORTH OF OLD POWERHOUSE (FOREGROUND) AND NEW POWERHOUSE (RIGHT BACKGROUND). RETAINING WALL WITH TAILRACE OUTLETS BELOW POWERHOUSES. TRANSFORMER YARD UPPER LEFT. ELEVATOR/STAIR TOWER OF NEW POWERHOUSE, WITH BRIDGE TO TOP OF GORGE, AT UPPER RIGHT CENTER, IN FRONT OF 1985 SURGE TANK. (TF)
- NY-155-A-2 VIEW NORTHEAST OF SOUTH ELEVATION, OLD POWERHOUSE (TF)
- NY-155-A-3 VIEW NORTHEAST OF WEST SIDE OF OLD POWERHOUSE (RIGHT), WITH NEW POWERHOUSE ELEVATOR/STAIR TOWER BEYOND. OLD (CENTER) AND NEW (REAR CENTER) PENSTOCKS TO POWERHOUSES AT LEFT CENTER. CONCRETE BASE FOR DEMOLISHED 1942 SUBSTATION FEEDER TOWER AT CENTER FOREGROUND. 1985 SURGE TANK AT UPPER LEFT (TF)
- NY-155-A-4 VIEW NORTHEAST FROM ELEVATOR TOWER BRIDGE OF NEW POWERHOUSE ROOF WITH FRAMEWORK FOR WIRES (RIGHT), AND PENSTOCKS FROM TOP OF GORGE (LEFT) (TF)
- NY-155-A-5 VIEW EAST OF TRANSMISSION TOWER FROM NEW POWERHOUSE TO SUBSTATION, WITH TOP OF ELEVATOR TOWER (CENTER RIGHT) AND SOUTH END OF 12-FOOT-PIPELINE MANIFOLD TO PENSTOCK (LEFT) (GW)
- NY-155-A-6 VIEW SOUTHEAST OF TRACKS IN SUBSTATION (TF)
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CENTER) BENEATH LINE SHAFTING (GW)
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- NY-155-A-28 DETAIL OF DISARTICULATED GIRARD TURBINE RUNNER (TF)
- NY-155-A-29 Photocopy of photograph (print on file, Niagara Mohawk Power Company, Syracuse, New York) photographer and date unknown
VIEW NORTHWEST OF POWERHOUSES AND SUBSTATION, c1920, INCLUDING OLD POWERHOUSE AND PENSTOCK (CENTER), NEW POWERHOUSE (RIGHT CENTER), LIGHTNING ARRESTER HOUSE (LEFT CENTER), SUBSTATION (UPPER LEFT), AND PART OF SURGE TANK ON 12-FOOT PIPELINE (UPPER RIGHT)
- NY-155-A-30 Photocopy of photograph (print on file, Niagara Mohawk Power Company, Syracuse, New York) photographer and date unknown
VIEW SOUTHWEST OF POWERHOUSES AND SUBSTATION, c1920, INCLUDING NEW POWERHOUSE (CENTER), BOILER HOUSE (LOWER RIGHT CENTER), PENSTOCKS TO NEW POWERHOUSE (RIGHT CENTER), AND OLD POWERHOUSE (LEFT CENTER)
- NY-155-A-31 Photocopy of photograph (print on file, Niagara Mohawk Power Company, Syracuse, New York) photographer unknown, September 24, 1920
1920 VIEW NORTHEAST OF GENERATOR FLOOR, OLD (FOREGROUND) AND NEW POWERHOUSES
- NY-155-A-32 Photocopy of photograph (print owned by Wayne Richard, Remsen, New York; 1979 copy negative on file, Niagara Mohawk Power Company, Syracuse, New York) photographer unknown, November 1903
1903 VIEW SOUTHWEST OF GENERATOR FLOOR, OLD POWERHOUSE
- NY-155-A-33 Photocopy of microfilmed drawing, W.A. Brackenridge, June 27, 1900 (file 2-T7-H13, Dwg. No. 20370 Niagara Mohawk Power Company, Syracuse, New York)
UTICA ELECTRIC LIGHT AND POWER COMPANY. SIDE ELEVATION OF POWER HOUSE. NO. A-91.

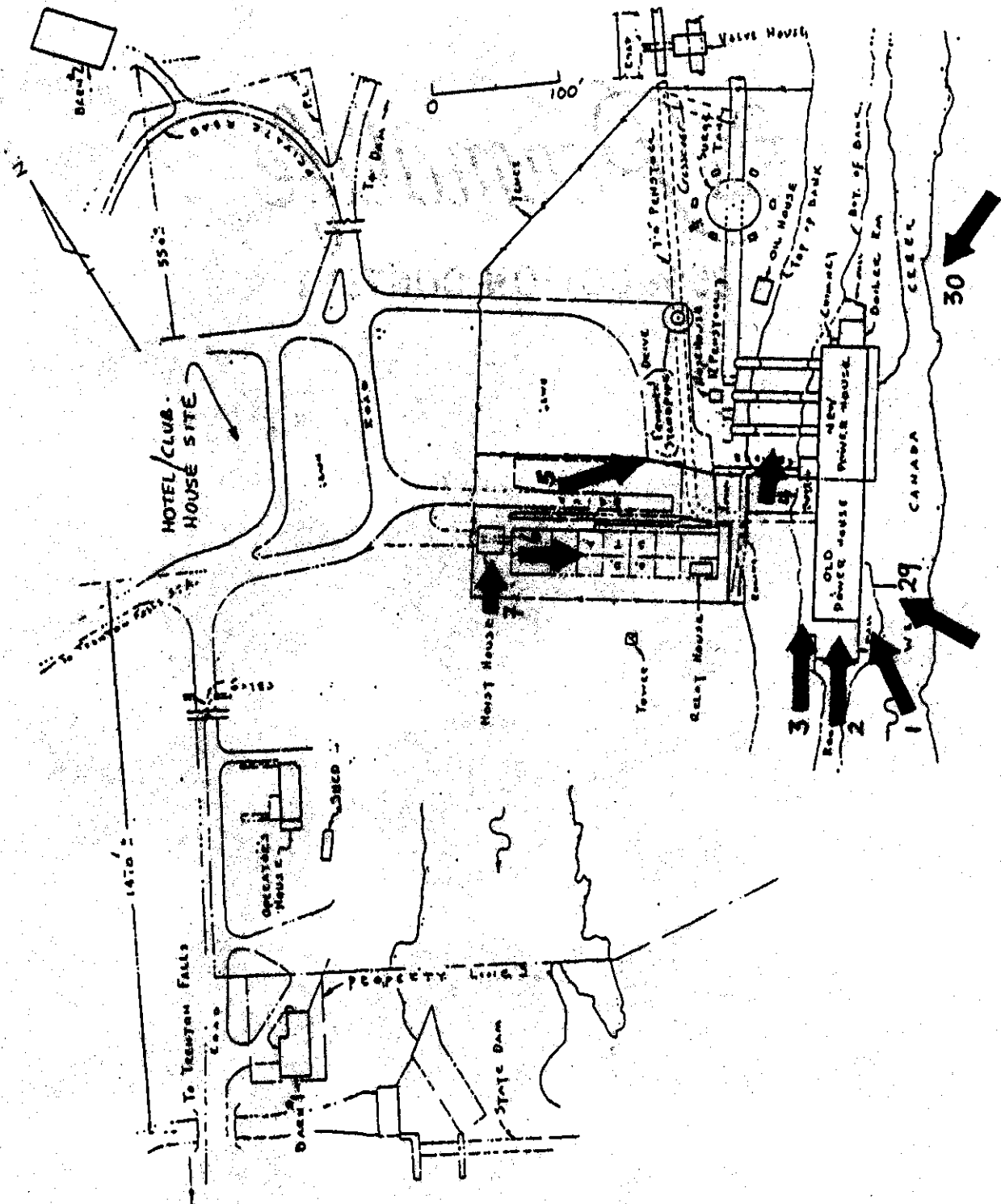
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- NY-155-A-34 Photocopy of microfilmed drawing, W.A. Brackenridge, June 29, 1900 (file 2-T7-H13, Dwg. No. 20377, Niagara Mohawk Power Company, Syracuse, New York)
UTICA ELECTRIC LIGHT AND POWER COMPANY. CROSS SECTION AND END ELEVATION OF POWER HOUSE. No. A-92
- NY-155-A-35 Photocopy of microfilmed drawing [in two parts], W.A. Brackenridge, June 4, 1901 (file 2-T7-H13, Dwg. No. R107, Niagara Mohawk Power Company, Syracuse, New York)
UTICA ELECTRIC LIGHT AND POWER COMPANY. PLAN SHOWING INSTALLATION OF 4-1700 H.P. UNITS.
- NY-155-A-36 Photocopy of microfilmed drawing, I.P. Morris Co., (file 2-T7-H21, Dwg. No. 20377, Niagara Mohawk Power Company, Syracuse, New York)
GENERAL ARRANGEMENT/100 HP TURBINE FOR UTICA ELECTRIC LIGHT & POWER CO.
- NY-155-A-37 Photocopy of microfilmed drawing, Thomas E. Murray and George A. Orrok, May 18, 1917 (file 2-T7-H13, Dwg. No. 43802, Niagara Mohawk Power Company, Syracuse, New York)
TRENTON FALLS/ADDITION TO STATION/ELEVATIONS.

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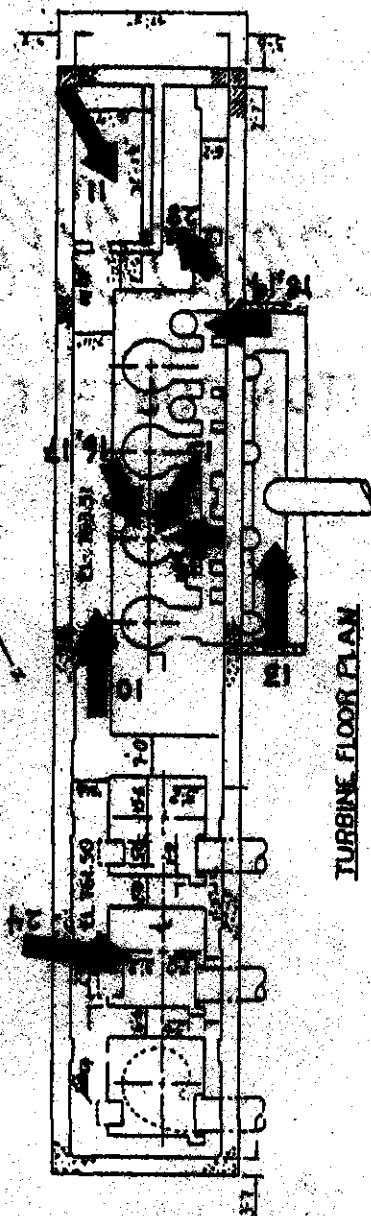


NOTE: UNIT 1, 2, 3 AND 4 ARE RETIRED IN PLACE

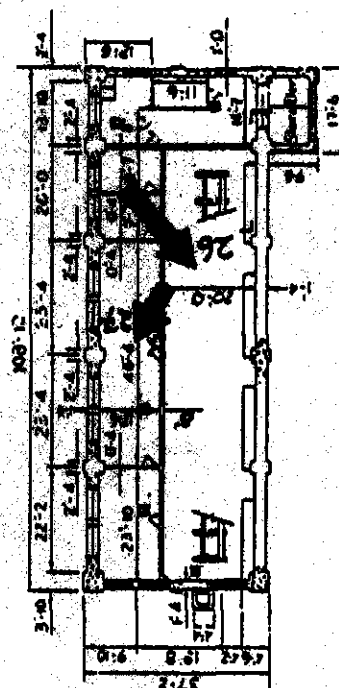
**NOTE: UNIT 1, 2, 3 WPD-1
ARE RETIRED IN PLACE**

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BALCONY FLOOR PLAN
ELEVATION-77&50



TURBINE FLOOR PLAN



SECOND FLOOR PLAN
ELEVATION 022.50